



SEQUEN~1.TXT
SEQUENCE LISTING

<110> ChondroGene
Liew, Choong-Chin

<120> Method for the Detection of Gene Transcripts in Blood and Uses
Thereof

<130> xx

<150> US

<151> 2000-01-04

<150> US 60/115,125

<151> 1999-01-06

<160> 112

<170> PatentIn version 3.2

<210> 1

<211> 110

<212> DNA

<213> Human

<400> 1

acacaacgta acaataacat atttagccaa tgtagtagac tgctatataa tacattagag 60

tgtcaattca ttccgtttac agccccattg ggtgtcaaat tttttttggt 110

<210> 2

<211> 530

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (16)..(16)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (19)..(19)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (25)..(25)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (38)..(38)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (40)..(40)

<223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (42)..(42)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (44)..(44)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (64)..(66)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (70)..(71)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (81)..(81)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (86)..(86)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (89)..(89)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (117)..(117)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (121)..(121)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (123)..(123)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (135)..(135)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (143)..(143)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (177)..(177)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (179)..(179)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (181)..(181)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (193)..(194)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (209)..(210)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (215)..(215)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (217)..(217)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (221)..(221)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (228)..(228)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (233)..(233)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (236)..(236)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (243)..(243)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (251)..(254)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (270)..(270)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (272)..(272)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (274)..(275)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (283)..(283)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (292)..(293)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (299)..(299)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (303)..(303)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (307)..(307)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (312)..(312)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (319)..(319)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (324)..(325)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (328)..(329)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (342)..(342)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (345)..(345)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (366)..(366)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (377)..(377)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (382)..(382)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (391)..(391)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (395)..(395)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (400)..(400)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (412)..(413)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (422)..(422)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (424)..(424)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (426)..(426)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (433)..(433)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (439)..(439)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (442)..(442)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (452)..(452)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (460)..(460)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (463)..(463)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (471)..(471)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (495)..(495)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (500)..(500)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (504)..(504)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (516)..(516)

<223> n is a, c, g, or t

<400> 2

gcctgttcta tacagnttnt aaatntcatt tcagatcntn tntntgtgat aatgaatgct 60

gttnnntagn natcctatat natgtncgna cacatcctaa agcataggat gaaaaantga 120

nanccttagg atttngagca cantgccttt acctgaatat atacagcaca gttctgnant 180

ncctggcgtg tgnnactgga gatctctann aaaangnata nagtgggngg gcncntntggc 240

gcntgccggt nnnncctaaa ttttcccan gngnnggagg ccngtcacct gnncccatng 300

cgntctngac cngcctgtna acgnntanng gagccttagt cncntnctaaa aacacaaaat 360

tagccnggca tgggggntgg gncccttgta ntctnagctn cttgggaggc tnngccagga 420

antncncttg aanccgggna gnggggtggcc tnaagtttgn ggnaaggcca ntgatcaccg 480

SEQUEN~1.TXT

ccccctcccc tccangcccn gggngaaggg atttgngact tccgttttgg 530

<210> 3
<211> 215
<212> DNA
<213> Human

<400> 3
cggcacgagg atcaatttgc cttggaagaa caaaaggaaa gtctggaaat gcagaaagta 60
tggatgctga accacataac agcagatggc attgctgtga agtatactgg atggaataca 120
ttcaagcggt aatatttaaat tctttttgtg gaaggtcaca caattaaaat ttaattgggc 180
atggaggctt aggacgggggt aaaaaagtct ttaga 215

<210> 4
<211> 129
<212> DNA
<213> Human

<400> 4
gtttcttttt cctaaaacgg ttttatttaa ctcaatgtgt caaagttttt ttttaataat 60
cccaagaggg atgaagccgt gtccacaggg atatatacat cattatgggt cccatctttc 120
atacatgaa 129

<210> 5
<211> 361
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (13)..(14)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (16)..(16)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (20)..(21)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (25)..(28)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (42)..(42)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (52)..(52)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (55)..(55)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (57)..(57)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (59)..(59)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (63)..(63)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (65)..(65)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (68)..(68)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (72)..(72)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (74)..(74)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (77)..(77)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (91)..(91)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (102)..(102)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (117)..(117)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (127)..(128)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (169)..(169)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (172)..(172)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (192)..(192)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (203)..(203)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (243)..(244)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (248)..(249)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (253)..(253)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (283)..(283)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (288)..(288)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (299)..(299)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (318)..(318)

<223> n is a, c, g, or t

<220>

SEQUEN~1.TXT

<221> misc_feature
<222> (327)..(327)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (334)..(334)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (348)..(348)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (359)..(360)
<223> n is a, c, g, or t

<400> 5	
gggggctttt ttnnancggn nccgnnnncc cttcctggga anttttgggc cnttntntna	60
aangnggnct tncnggnaaa tgggtttttt nagggggctg gncaaagggt ttttctntaa	120
tgggatnngg ccggcatttt aaaaaaaccc gctttggcct ttttgctana tnggaaaaaa	180
tttttttaaa angcctaaga canggttttc cttcatatg ccaaactttc cctaacattt	240
ggnnttttng gnggggcagg gggggatttt taaaccggat ttngggtnaa aaaaaatcng	300
gggggaattt ttgggganaa aaccttnggg gggnccccct ttgaaaanaa aggggtgggnn	360
g	361

<210> 6
<211> 839
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (475)..(475)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (556)..(556)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (559)..(559)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (585)..(585)
<223> n is a, c, g, or t

<220>
<221> misc_feature

<222> (606)..(606)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (644)..(644)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (671)..(671)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (693)..(693)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (695)..(695)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (714)..(714)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (742)..(742)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (744)..(744)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (756)..(756)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (765)..(765)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (768)..(768)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (808)..(808)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (815)..(815)
 <223> n is a, c, g, or t

SEQUEN~1.TXT

<220>
 <221> misc_feature
 <222> (823)..(823)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (830)..(830)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (837)..(837)
 <223> n is a, c, g, or t

<400> 6
 ctctgtgccga attcggcacg agcaaagtac ctggacttta tggaatcctt ctatacttca 60
 ttgtcaatca tttattgggtt ctaaaaagga tcggacaatg tgctatttca gggaagccaa 120
 tgttttggag taaaatgcac aaataatttc tcttgccttg caaacacatt tttttttctg 180
 tcattgcaat gtgcacaaag ggccacgagg atctacaaga aagcctgcct tattctgacc 240
 aggagtgggg agctgacaag aggcttcaca gagcaggtga tgtttagaga ggaatgtctc 300
 ccatttccta gtagcctgtg aggctctcaa aaccgggaat caagtttccc ttctgaactc 360
 agttctcaat cgtgtaggga taggggttccc aggtgtgcct ctatgtgtag aggctctatt 420
 ataccctgga tacacattga tatgcatgtg caatgctgga atcaccagcc cccangtcct 480
 cctcccaa at gtgcatgttt tttgacccat gtcacattta attttttttt tcaattgacg 540
 ggttttttagg gcaaanttnc caaaacatcc cccacttttg catantcccc tgtcattcca 600
 tattgncttg cactgacatg attcactcat tgatattgcc tgnngcggtc ctatggcctt 660
 tgagtttgca nactggggtt gggggaaacc cangnaaaaa aacctcttg aaanggggaa 720
 ccccccaat ggtgggggaa ananaactgg actttntttg ggagncnga atttgctctt 780
 gaccaggcag ggacctgga ccctgaangc tttntaatac ttnggggcn gaaaatntg 839

<210> 7
 <211> 118
 <212> DNA
 <213> Human

<400> 7
 atgggaaagt gtgtaagatt tagaaaaagc attaactatt agtaaaacttt atcttaagct 60
 ctaacctttg attaggtccc acaaaaatta ggtgatatgc aatttcta at ttagggcc 118

<210> 8
 <211> 197
 <212> DNA
 <213> Human

<400> 8
 gttgcagtga gccgagatca taccactgca ctccagccta ggcaacagag cgagactcgg 60

SEQUEN~1.TXT

tcaaaagaaa aaaaaaaagg ggagctgggc gtgggtacta atgccgtaat cccaggcctt	120
tgggaatccc aggcaagggtg gcctttaggg caaggagttc ggaacctccc tgctaacagg	180
taaaccccct ttccctt	197

<210> 9
 <211> 250
 <212> DNA
 <213> Human

<400> 9 gagaccaagg ccgccccgct ctggtctcag accagttgtg ctgctcttgc tctggctcag	60
ctggtgtggg ggcgaggcgg gaaacgagac ctctagcatc tggctgaagg ctctgccaag	120
ctcctcttca gggctgcagt ctgcctgcct gcatataccg acttggccag aactgctgc	180
taaattccag ggactctttc tcccctcctc tgctctccag ccaatccttg aggatttaat	240
aactggaagg	250

<210> 10
 <211> 680
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (433)..(433)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (600)..(600)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (615)..(615)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (626)..(626)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (645)..(645)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (661)..(661)
 <223> n is a, c, g, or t

<400> 10 caccaaagaa gcaagagggc tttcttttgt ttctggggac aataactaac ttttaatttgc	60
--	----

SEQUEN~1.TXT

tcttcaagaa gaaggaagct gggatatatag ggggaatggca gaagtgctcg cagatgaacc	120
atgaggagca tgggtctttaa gaacatgctg agaaggaagc aacacagact ccatcactgg	180
gggaagcacc tgaatagagc actggtaaag gccagtctgt ggacctgagg ccagaggaga	240
tgccaggggt ccagatttca tggcccacag aaacggaact gatcatattt ggttgctggc	300
cagtgttcca tagaccaaga aggctggtag caagtataga ttcctctaca tagcttgaca	360
ggagaagaga aaggggaatg tagcacacag gatgcagcag gtgaataaga aaacctcctt	420
ttcccagggt ggngacagtg agtgatctac agtgatactc aaaagattgt gattgggtgtg	480
ggaattcctg tctcaatatg caatctgcc aaaaaact gtgatggttt cctgtaaagt	540
aacctctttt tcttatctct aatttcacaa gactcttaaa tgagaggggg gggagaaagn	600
gttctttctc actcncctaa aactgnggggt ctgcctggag aaaantaca tctgcacaga	660
naatgctgggt tagccaggaa	680

<210> 11
 <211> 318
 <212> DNA
 <213> Human

<400> 11	
cctgcagagt actccatgga aacaattgcc gagcacgtgc tcgcaatttg ccgagcacgg	60
tccggtttga actcctagac taagactagg taggtgatac ataccttctt cccaccaagt	120
actcacgatc caaactatga attttagatt cggatcaaac gaggattgat ccgagggacc	180
aacgttgtga taaatcttac gtcgtcttat atattaagtt tttgtggagg atcggataag	240
tctatagtgt ttgtcacaga tagtcccgt aacacccca gaccatagga gtcgctctcc	300
ggaccgcgggt ctaatggg	318

<210> 12
 <211> 155
 <212> DNA
 <213> Human

<400> 12	
tctcacattg gacatactca aaattcactt ataatcttca caccaccaa aacttaccca	60
tatcaaatta taaaccacc cacattactt aaaatttttt acatttccca ataaaaaacc	120
caaataaaca aaaacttcca atctccattt aaaat	155

<210> 13
 <211> 125
 <212> DNA
 <213> Human

<400> 13	
aataaaca catgccctct aatatatgaa ttcacacac aacacgcaca ctgtccccac	60

SEQUEN~1.TXT

aaacaccttt ttggtgtcaa gaagaaaaag actagcttca ctgaacagag aaatgctgga 120
cagtg 125

<210> 14
<211> 168
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (6)..(6)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (15)..(15)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (37)..(38)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (47)..(47)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (56)..(57)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (94)..(94)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (127)..(127)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (155)..(155)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (157)..(157)
<223> n is a, c, g, or t

<400> 14
ggcccntggg ggggnagggc cttttcgggg cgggggnngg gccccnttt ggcccnngg 60
gggtttcccg gggaacccaa ccctttaagg ggtngggggg aatttcccc caaaaaaagg 120
gaaaaanttt tccggggggc ccaccggga agggntnccg gggaagg 168

SEQUEN~1.TXT

<210> 15
 <211> 438
 <212> DNA
 <213> Human

<400> 15
 aaaaaacttc tttatagtcc ttatatat ttaattgttt atgttagggg aagctataga 60
 ggaacaaatt tgggatagaa atataaggct gggattacag gcatgagcca ccaagcccgg 120
 cccacatttc catttttaat atatactgtg ctttaciaat attataatat gttttaaaat 180
 atgttcacag aagcacctgg tctgtgaatg gcatgccagc attaaaaaaa ataagcattc 240
 tttgaatata tatttagttt tttaatgtgg taggaaaatc aaagccagag ggagtagaaa 300
 caaaatttgt gattttctaa atacttcttg gctgcaggga agaaaccacg tcccaggcga 360
 agtcctacct aatttgatga taaaattaca tggaagggat tcttgttggc atgaggacct 420
 accaagatgg tcaacaga 438

<210> 16
 <211> 235
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (15)..(15)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (39)..(39)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (47)..(47)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (52)..(52)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (69)..(69)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

SEQUEN~1.TXT

<222> (154)..(154)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (207)..(207)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (217)..(217)
<223> n is a, c, g, or t

<400> 16
aaggnctttt ccggnccggc ccggccccc ttggcccang ggggttnccg gnaaaccacc 60
ctttaaggnt tgggggaatt ccccaaaaa aggaaaaaat tttcccgagg gccacccgg 120
aaagggggaa ggcccccaa accggggggg gggnaaaaag gtgggtttcc ccctttttcc 180
aattcccaa accaatttcc aaaaggnaaa ccaacnttc ccaaatggg aaagg 235

<210> 17
<211> 294
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (18)..(19)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (27)..(27)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (47)..(47)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (66)..(66)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (76)..(76)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (82)..(82)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (108)..(108)
<223> n is a, c, g, or t

SEQUEN~1.TXT

<220>
 <221> misc_feature
 <222> (133)..(133)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (162)..(162)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (210)..(210)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (260)..(260)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (276)..(276)
 <223> n is a, c, g, or t

<400> 17
 aaaccaaccc tttaaggnnt ggggggnaat tcccccaaa aaaaggnaaa aattttttcc 60
 ggggggncaa accggnaaag gntttgggaa aaccaaattt tttttggncc caaccccccc 120
 caaattgggg ggnaaaccaa atttaagggg ggaagggggg gncccccccg ggaaaggccc 180
 aaggggggaa aattttttccg ggggtgggtn gggggaacca atttaagggg ggggcccccg 240
 ggggggttcc ccttgggcn tttttccttt tgggtnaaaa aaaaaaaccc cttg 294

<210> 18
 <211> 453
 <212> DNA
 <213> Human

<400> 18
 gtagaatata gggtgatact ggagatctac tgcgacctag accatgatac ataaccacac 60
 aagtttaatc cctgggttct aactaccctt actgtcactt agcttaacct gcctccaatc 120
 ctgtacttga actctaaaac tgttggagaa actcagtgtc tacccaaca gattcatttc 180
 aaatagctgt aaaaggtag tttactccag aagaccagag ttgcttcttt tgaacttctc 240
 attccttggg cctaggaacc ctcatcacc tcatccaac gtcaaccag atcttctctt 300
 ccataaacag cactccctca ggcccctgcc tgacacaggc atagactgtc atgttggatt 360
 cacagacagg ctgtgctaga ggaaacctct ggggctcacc aggggccgtg ggatgggctt 420
 ctggggcttc ttggagcca acttcttcat ggc 453

<210> 19
 <211> 242

SEQUEN~1.TXT

<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (17)..(17)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (40)..(40)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (59)..(59)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (76)..(76)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (107)..(107)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (165)..(165)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (189)..(189)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (216)..(216)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (221)..(221)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (230)..(230)
<223> n is a, c, g, or t

<400> 19	
gagtcagact gtaaggnacg aaccctcggg gtccccacgn tgttcccccc ggggtaacnt	60
cggcccgggc ccgggnagcc cttcccgggc ttttcccccg ggggggnccc gggggggacc	120
tttaggcggc accccaacaa caccaggccc tactttttcc aaggncgggg aagcccatgg	180
gttctgggna acgggcaatg cgggcttgca acggngggaa naaaaacagn cccaaaagaa	240

tg

242

<210> 20
 <211> 181
 <212> DNA
 <213> Human

<400> 20
 gtttgtttgt ttttgagatg aatctcactc tgtcgcccag gctggaatgc agtggtgtga 60
 tctcagctca ctgcaacctc cacctctcag gagaattgct gaacctggga ggcggagggt 120
 gcagggagct gagattgcgc cactgccctc catcctgggc gacagagcaa gaacctgtct 180
 c 181

<210> 21
 <211> 100
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (17)..(17)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (23)..(23)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (28)..(28)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (36)..(36)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (41)..(41)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (44)..(44)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (53)..(53)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (59)..(59)
 <223> n is a, c, g, or t

SEQUEN~1.TXT

<220>
 <221> misc_feature
 <222> (62)..(62)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (67)..(67)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (70)..(71)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (74)..(74)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (76)..(76)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (79)..(79)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (83)..(84)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (86)..(86)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (97)..(97)
 <223> n is a, c, g, or t

<400> 21
 gcacaaggaa ggggtggncag atnttccngc actggnaaaa ngcngctatg gtngtgaant 60
 tnccccnccn nttnanacna aanntngcac tcttggtgntgc 100

<210> 22
 <211> 100
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (2)..(2)
 <223> n is a, c, g, or t

SEQUEN~1.TXT

<220>
 <221> misc_feature
 <222> (17)..(17)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (37)..(37)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (52)..(53)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (56)..(56)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (77)..(77)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (85)..(85)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (89)..(89)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (96)..(96)
 <223> n is a, c, g, or t

<400> 22
 cntgcgccat ttactgnagg tggacaagga tactatnaac aaagatgtgg cnnaangaga 60
 ataatggaag atagctntga ggatnaacnc tggtnnaggg 100

<210> 23
 <211> 100
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (17)..(17)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (19)..(19)
 <223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (27)..(29)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (37)..(38)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (46)..(46)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (49)..(49)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (65)..(65)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (72)..(72)
<223> n is a, c, g, or t

<400> 23
acaccttccc acttgcngha aaggggnnng gccccnnct tgggcnganc attaagcctt 60
tttgnggctg cngcccctgt gcctggtgcc acaacaaatg 100

<210> 24
<211> 227
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (5)..(5)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (13)..(13)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (71)..(71)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (88)..(88)
<223> n is a, c, g, or t

<220>
<221> misc_feature

SEQUEN~1.TXT

<222> (91)..(91)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (109)..(109)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (157)..(157)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (177)..(177)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (199)..(199)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (207)..(207)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (211)..(211)
<223> n is a, c, g, or t

<400> 24
ccggnccacca ccnttaagggt tggggggattt ccccaaaaaa ggaaaatttt cggcggccaa 60
cggaaggcc nttggggaaa aaaccaangg ncaaaccccc ccaaccacnc ggcccccccc 120
aaggggggtg gggaagagcc aaatttcttt gggaaanaac gccccttg ggaaaanaag 180
gcccaaccacc tttcaacanc cccaangcg nggaagccat ttcttg 227

<210> 25
<211> 306
<212> DNA
<213> Human

<400> 25
tccaaaagta gagcagaggg atattttgtt ctactgagcc acgaaaaaca cctgaattgt 60
ttcgaccatg tgccttccca ggttgatgaa gacattgcta cacagtctgc agatcaggaa 120
ggaagaattg tatgtgggag tttttaatgg tctcatttca ttggctataa ctcagttaca 180
aggagaaata taactgcaga ggagctttga aaatttagtt cagctgaggg taaaggaaga 240
agagacaaat tttgtcatca gctagtgatc tgccatacaa ggtgttcct taatatgtgt 300
agaatg 306

<210> 26

SEQUEN~1.TXT

<211> 492
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (299)..(299)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (333)..(333)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (353)..(353)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (410)..(411)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (460)..(460)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (474)..(474)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (479)..(479)
<223> n is a, c, g, or t

<400> 26	
cggccttcggg ccaagcggtt ccagagtttg ccgaactgct gagcaagttc gctattctcc	60
agatcgccta gccctttgcg ggcgaccacc acgatgtccc agcctgtcag gttgtcctga	120
ttgaggcgaa aggactcgcg gatttgacgc ttgatgcggt tgcgctcgac ggcgagcttg	180
acgctctttt tgccgatcac caaacctagg cggggatgat caagctgggt atcgcgcgct	240
agcagcagga cacttttgcc cgggagcttt accgcttggg gagtcgaaga ctgccttgna	300
ttgccgggga gtcagcagtc gctttttccc ggnccaagcc tcgaactcac cancctgtct	360
ggattaatta gacagcaaga cgcttgcggc ccctttggcg cgaacgaacn ncgaaaagga	420
cttgcgcggc ccgtttcttt ggggggccaa taccggggcn cggggaaaac ccngggggng	480
gccaaacccc cc	492

<210> 27
<211> 500
<212> DNA

<213> Human

<220>
 <221> misc_feature
 <222> (348)..(348)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (422)..(422)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (435)..(435)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (476)..(476)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (490)..(490)
 <223> n is a, c, g, or t

<400> 27
 cgaagcgatg gaagcgcaag cttggtaggg gagcattccc acggcagaga aggtcgggcg 60
 acgagccggg ctggagcggg gggaaaagca aatgtaggca taagtaacga caatgcgggc 120
 gagaaccccg cacaccgaaa ggctaaggat tcctccgcta tgtcaatcaa cggaggggta 180
 gtcgggtact aaggcgtag cgaaggcgaa gcgccgatgt gaaggggggtt aatattcctc 240
 cacttgccat gcgtgtgaat ccatgacgga gacgaagccg ggggtgcgtc ctgacggaag 300
 tgggcgccag caggggcggc cttcgggcca aaccgaacct caggtcanac ttccaagaaa 360
 agtgggtgaa acgccagcgc atggcaacct gtaccgcaaa ccgacacagg tagccggggg 420
 anaacatcct aaggngctcg agagtacttt ctagagcggc cgcgggcccc atcgantttt 480
 ccaccgggn ggggtaccag 500

<210> 28
 <211> 231
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (18)..(18)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (47)..(47)
 <223> n is a, c, g, or t

SEQUEN~1.TXT

<220>
 <221> misc_feature
 <222> (59)..(59)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (74)..(74)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (138)..(138)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (174)..(174)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (176)..(176)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (211)..(211)
 <223> n is a, c, g, or t

<400> 28	
aagaaattcc gggcacgnag gcacgcccct ggtaattccc caggcgnact tctggggang	60
gctggaaggc ttgnagggca gaaaagggat ccgccttttg gaggaaccca ggtaagggtt	120
aagaaggaac ccaccctngg ggccaaacaa aaacttaaaa acccccccat ttcntncccc	180
ccaaaaaaaa aatttttaaa aaaaattttt ngcccccgga ggcattgggg g	231

<210> 29
 <211> 109
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (1)..(2)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (12)..(12)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (29)..(29)
 <223> n is a, c, g, or t

<220>

SEQUEN~1.TXT

<221> misc_feature
<222> (34)..(34)
<223> n is a, c, g, or t

<400> 29
nncgaacaat angtctggag ctcgtgcn ctnaggtgc gacactagtg gatccaaaga 60
attcggcacg agggattaca gtcgtgagcc actgcacctg gctgcaatt 109

<210> 30
<211> 100
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (3)..(6)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (8)..(8)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (13)..(13)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (15)..(15)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (20)..(20)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (27)..(27)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (32)..(33)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (40)..(40)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (49)..(50)
<223> n is a, c, g, or t

<220>
<221> misc_feature

<222> (57)..(57)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (63)..(63)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (67)..(67)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (69)..(69)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (76)..(76)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (78)..(78)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (87)..(87)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (89)..(89)
<223> n is a, c, g, or t

<400> 30
tcnnntntg gtnntggctn tccgagnggc anngagtgan tgcccgttnn tattgancac 60
cantcantng ttgcctntg atacccnana caaaattgaa 100

<210> 31
<211> 100
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (12)..(12)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (26)..(26)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (46)..(46)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (49)..(49)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (55)..(55)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (60)..(60)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (63)..(63)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (69)..(70)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (73)..(73)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (79)..(79)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (92)..(92)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (96)..(96)

<223> n is a, c, g, or t

<400> 31

tcgggcgggg anccctttac ctgtcnttac gatgcgcaag tagatnccng atttngtccn 60

ganggtcggn aanttaggnt tccagcctgc gncacngcca 100

<210> 32

<211> 104

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (2)..(2)

<223> n is a, c, g, or t

SEQUEN~1.TXT

<220>
 <221> misc_feature
 <222> (7)..(7)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (27)..(27)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (34)..(34)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (57)..(57)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (63)..(64)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (67)..(67)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (73)..(73)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (75)..(78)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (80)..(80)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (90)..(90)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (96)..(98)
 <223> n is a, c, g, or t

<400> 32
 cntgctntta cgatgcgcaa ggtagtnccg tgantttagt ccgtgatgtg tcgaaanatt 60
 agnnttnacg ccngnnnnan tgccattttt gctctnnnga gaaa 104

<210> 33

<211> 102
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (12)..(12)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (28)..(28)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (32)..(32)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (38)..(38)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (44)..(44)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (57)..(57)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (68)..(68)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (76)..(76)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (82)..(82)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (92)..(92)
 <223> n is a, c, g, or t

<400> 33
 tgggntggcc cngcttaact tttgccncg anctcgngt tcgnacaggg gcgaagna

ccgccaaantt ttttcnaacc cnacttgttt tnggttttag tt

102

<210> 34
<211> 100
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (3)..(3)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (21)..(21)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (27)..(28)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (38)..(38)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (47)..(47)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (50)..(50)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (53)..(53)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (61)..(61)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (73)..(73)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (78)..(78)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (83)..(83)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (85)..(85)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (97)..(97)
 <223> n is a, c, g, or t

<400> 34
 agnacgcctt tacagcttta ngatgcnnga gagagtancg gatttgncn tgntggtgga 60
 naaattaggg ttncagcntg tgnantgcca ttttcgntaa 100

<210> 35
 <211> 100
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (21)..(22)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (28)..(28)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (32)..(32)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (65)..(65)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (67)..(68)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (70)..(70)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (77)..(77)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (83)..(83)
 <223> n is a, c, g, or t

SEQUEN~1.TXT

<220>
 <221> misc_feature
 <222> (92)..(92)
 <223> n is a, c, g, or t

<400> 35
 cacgatagca tcagacggcg nncttgngc cnttttgccc gctgggcaca ggacaacgca 60
 tttcncnntn tgggtgncgg ctntcacgca tnggcgcgag 100

<210> 36
 <211> 153
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (8)..(8)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (29)..(29)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (43)..(44)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (46)..(46)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (57)..(57)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (59)..(59)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (84)..(84)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (98)..(98)
 <223> n is a, c, g, or t

<220>

SEQUEN~1.TXT

<221> misc_feature
<222> (115)..(115)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (117)..(118)
<223> n is a, c, g, or t

<400> 36
tggngccntt ttgccgctg gtcacaggna aacgcatttc acnntntggt gttcggntnt 60
cacgcacggc agcgagtgc atgnccgatt cattcttnaa cgacgcacac acccngnngc 120
cctgtgaaac ccataaacag tgggaaatgg tgc 153

<210> 37
<211> 151
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (7)..(7)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (10)..(10)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (53)..(53)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (61)..(61)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (65)..(66)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (72)..(72)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (74)..(75)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (89)..(89)
<223> n is a, c, g, or t

SEQUEN~1.TXT

<220>
 <221> misc_feature
 <222> (94)..(94)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (100)..(100)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (107)..(107)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (126)..(126)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (141)..(141)
 <223> n is a, c, g, or t

<400> 37
 gcgcgcntgn aggccccgac actagtggat ccaaagtatt ttggcacgag ctnagttcga 60
 ngatnnagac cncnnatcac ctaatacanc catnactcan atgactnttt gtgcgcccttt 120
 tatcanatgc atagcctatc naaaacatca c 151

<210> 38
 <211> 100
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (2)..(2)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (61)..(61)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (63)..(63)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (72)..(72)
 <223> n is a, c, g, or t

SEQUEN~1.TXT

<220>
 <221> misc_feature
 <222> (79)..(79)
 <223> n is a, c, g, or t

<400> 38
 gngcgcttgn aggccgacac taggggatcc aaagaattcg gcacgagctc gtgccgaatt 60
 ngncacgagt tnggctgcnt ctttatacaa cttttcttca 100

<210> 39
 <211> 100
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (7)..(8)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (15)..(16)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (20)..(20)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (24)..(24)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (71)..(71)
 <223> n is a, c, g, or t

<400> 39
 aaagnnntn ctggnnttan gcanttaacc caggcactgg ggcgctgaac agctactcag 60
 ctgcttaagt ngctccactg gtccagacca gcgaccagc 100

<210> 40
 <211> 102
 <212> DNA
 <213> Human

SEQUEN~1.TXT

<220>
 <221> misc_feature
 <222> (80)..(80)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (91)..(91)
 <223> n is a, c, g, or t

<400> 40
 ttccccagg atctttctta tatctatcag atctaggtga aaggattact gtcttgtagg 60
 tgtcctgaag gacaagccgn ttcgtttgaa nctgtgaaat ac 102

<210> 41
 <211> 325
 <212> DNA
 <213> Human

<400> 41
 ttcggcacga ggagaagaga ggagccgtca gaacatatgg gggatgtggt caagaagcag 60
 atttgtggtc ggaagctttg caaagagggg acctgggtct gagtgacatg cgtggccact 120
 ggtgctcctg cgtttggaact gtgcaggcct ctcctatgct gatgcgtctc cccactcctg 180
 agctaatttc tgctctgctc cttctgtgac atgtggcagc gtgggaaata gccactgtcc 240
 cctgtccctg ctgttcctgg tgtcaccag caccaggcca ctctgggagc cagggcagat 300
 ggtcctccct gtggtcctgg cctct 325

<210> 42
 <211> 103
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (14)..(14)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (31)..(31)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (36)..(36)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (63)..(63)
 <223> n is a, c, g, or t

SEQUEN~1.TXT

<220>
 <221> misc_feature
 <222> (73)..(73)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (93)..(93)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (98)..(98)
 <223> n is a, c, g, or t

<400> 42
 gtggcccaag ggggnactgaa gggggccctcc ntaagnggag ggggtgggga gtaaggcctg 60
 ggnaggaccc tgntgactcg gggggcgga gcngggancc agg 103

<210> 43
 <211> 221
 <212> DNA
 <213> Human

<400> 43
 catattttga aatacttttc tcccaaactg ggtttattag cgtgtaccct gcttttccac 60
 tttaaaaatt tatgccatat gtccagcttc cagtcagtgc ttctgggttag catgaggata 120
 actagatttt actgtagatg gtagataaaa gtccagtga aagcaaagat gtgtaatgtt 180
 ttggtagcct cagtgtcttt atcccaagta aaagcaaagt t 221

<210> 44
 <211> 100
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (2)..(2)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (11)..(11)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (27)..(28)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (34)..(34)
 <223> n is a, c, g, or t

<220>

<221> misc_feature
 <222> (38)..(39)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (41)..(41)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (49)..(50)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (61)..(62)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (67)..(68)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (76)..(76)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (79)..(80)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (85)..(85)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (89)..(89)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (93)..(93)
 <223> n is a, c, g, or t

<400> 44
 anagatatca ntgatttatt gctgggnncc tgtntganng ntctaaggnn tgaagattat 60
 nncattnngc aagcgnacnn gcgcngccna gcngaccagg 100

<210> 45
 <211> 106
 <212> DNA
 <213> Human

<220>
 <221> misc_feature

<222> (8)..(8)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (24)..(24)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (33)..(34)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (47)..(48)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (58)..(58)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (63)..(63)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (68)..(68)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (71)..(71)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (73)..(73)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (77)..(77)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (88)..(88)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (95)..(96)
 <223> n is a, c, g, or t

<400> 45
 atatttcngg agcttcgagc ggcnacacta ggnnactaaa agaattnnag aaagaggnc 60

atnggacnag nanacangaa acctgcanac ttggngcctt ggaagt 106

SEQUEN~1.TXT

<210> 46
 <211> 100
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (74)..(74)
 <223> n is a, c, g, or t

<400> 46
 gatgtggaga tgcttgatag gttactgggc ggcaatccag gagttgatga agcgcatatg 60
 cgaacatttc acngcatat tgcggtgcaa gggcttactg 100

<210> 47
 <211> 101
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (7)..(8)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (17)..(17)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (23)..(23)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (33)..(33)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (42)..(42)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (47)..(48)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (52)..(52)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (55)..(55)
 <223> n is a, c, g, or t

SEQUEN~1.TXT

<220>
 <221> misc_feature
 <222> (60)..(60)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (62)..(62)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (66)..(66)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (70)..(71)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (74)..(74)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (84)..(84)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (86)..(87)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (96)..(96)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (99)..(100)
 <223> n is a, c, g, or t

<400> 47
 cccccncc cttcttntcc ccnaaagaat aanataagaa tngctannga gnaancgacn 60
 anggtnttan nagnttatatg tatntnncaa accaantann a 101

<210> 48
 <211> 100
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (5)..(6)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (33)..(33)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (35)..(36)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (42)..(42)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (46)..(46)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (48)..(48)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (55)..(55)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (59)..(59)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (69)..(69)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (81)..(81)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (87)..(87)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (91)..(91)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (94)..(94)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (97)..(97)

<223> n is a, c, g, or t

<400> 48

aagggnaggc tcgttggggg aaaaaacccg ccntnncggg cccccngnaa acccncacna 60

ggggaccna aaaaccggaa naaacnccc nagnaancca 100

<210> 49

<211> 473

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (20)..(20)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (38)..(38)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (164)..(164)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (178)..(178)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (201)..(201)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (211)..(211)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (274)..(274)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (305)..(305)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (340)..(340)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (346)..(346)

<223> n is a, c, g, or t

SEQUEN~1.TXT

<220>
 <221> misc_feature
 <222> (386)..(387)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (405)..(405)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (433)..(433)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (446)..(446)
 <223> n is a, c, g, or t

<400> 49
 atgagtatga aatgaaagg n tgagatgaaa tgatgatntg agatgagatg aaatgagatg 60
 aaaccgagat gaaatgatga aatgatgaga tgagaccgag acgaaatgat gagatgaaat 120
 gagatgagat aaaatgagat gaaatgaagt gaaatgaaat gaantcctga aattgacntg 180
 agatgaactg agataaaatg ntgagatgaa ntgatgagaa gaaatgagat gaaatgagat 240
 gagatgatga gatgaaaaat gctgagatga aacntgatga gatgaaatga tgagatgaat 300
 tgaantgaaa tgaaataatg aaataatgac ctgagatgan atgaantgat gaactgatga 360
 actaatgaaa tgaaaatgaa atgganntga tgagatgaga agaantgctg agatgagata 420
 aatgagatg aantgatgag atgaantgaa atgctgagat gagatgagat gaa 473

<210> 50
 <211> 453
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (5)..(6)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (13)..(13)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (18)..(18)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (22)..(22)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (39)..(39)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (45)..(45)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (48)..(48)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (54)..(54)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (65)..(65)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (70)..(70)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (72)..(72)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (80)..(80)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (83)..(83)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (90)..(90)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (94)..(94)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (96)..(96)

<223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (98)..(98)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (102)..(102)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (104)..(104)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (113)..(113)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (115)..(115)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (117)..(117)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (121)..(121)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (123)..(123)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (125)..(125)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (128)..(128)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (142)..(142)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (144)..(144)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (160)..(160)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (174)..(175)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (180)..(181)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (186)..(186)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (192)..(192)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (198)..(198)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (205)..(205)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (215)..(215)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (223)..(224)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (233)..(234)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (238)..(238)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (243)..(243)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (253)..(253)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (257)..(257)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (268)..(268)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (280)..(280)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (291)..(291)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (296)..(296)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (300)..(300)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (305)..(305)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (308)..(308)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (311)..(311)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (319)..(319)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (322)..(322)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (326)..(326)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (328)..(328)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (334)..(335)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (338)..(339)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (347)..(347)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (352)..(352)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (358)..(358)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (361)..(361)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (367)..(367)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (382)..(382)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (389)..(389)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (395)..(395)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (410)..(410)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (413)..(414)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (418)..(418)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (425)..(425)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (436)..(436)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (443)..(443)

<223> n is a, c, g, or t

<400> 50

ttccnnagct gtnacganac antcttgaat tgaaattgna cacancnngt gtgnagccct 60

gatanggccn gnaagcaatn tanaggatan ccgnangnta tngnaacaca ttncncnagc 120

ntntncanca gctgatgcag gncncctatg atgcgattan ggactacgac tatnctcan 180

ngtctnaaca gncgcgangg ctgantacta aaagnacaca aanntgtgca ccnncatnac 240

tcncgttgac tgnacantgt agacctgnaa tacctggctn aaaggggtct nactgncatn 300

agagntgnag ntgcccctnc antagnngna gctnnaanng gcctgtnttt gntttacntc 360

ntcgganagg cgatgccatt anagaccna gaacncattg gtgatatacn ctnnaccngg 420

agggnttaca ttgggnaatg atnattatgg ggg 453

<210> 51

<211> 542

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (19)..(19)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (59)..(59)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (87)..(87)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (119)..(119)

<223> n is a, c, g, or t

<220>

<221> misc_feature

SEQUEN~1.TXT

<222> (203)..(203)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (215)..(215)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (274)..(274)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (296)..(296)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (309)..(309)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (353)..(353)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (425)..(427)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (431)..(431)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (451)..(451)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (470)..(470)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (472)..(472)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (478)..(478)
<223> n is a, c, g, or t

<400> 51
caactgtgag caaggaatnc cattaatgc cattgtatat tcattgatca gtgaaatcnc 60
atctgggtca cagtggcatc tatgttnaca gtataaatcc ctgtggctat gaatgaaang 120

SEQUEN~1.TXT

cttgtttaga cttgcatctg cacatagaag tagggatttc atgctgttat cagcctaatt	180
ttagcctata gaatttcaag ttngctagag gtttngctct ccatgggtata agtttagcaa	240
gaaaagtcac ttgtctgctg ctctagcagg ttanaatgtg gaagtatagt gtgcanagtt	300
ttaatccgna tatgttatta aaacatatat atcattttat atcatatc tagnaataat	360
attcaaaatt aaatagtgat ttgggattga ttacatctta ttactagctg taataaatga	420
cctcnngat ngtttaaaat tgttttcctc ncatataata aaaatacctn angcatanat	480
cgattgtcca aaaattgaat atatatacac acctcttcca ttagaactaa atatgtggaa	540
tg	542

<210> 52
 <211> 733
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (13)..(14)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (17)..(17)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (20)..(20)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (22)..(22)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (27)..(27)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (29)..(29)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (31)..(31)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (36)..(36)
 <223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (43)..(43)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (46)..(46)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (58)..(59)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (74)..(74)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (78)..(78)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (81)..(81)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (85)..(85)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (87)..(88)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (90)..(92)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (95)..(96)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (105)..(105)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (107)..(107)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (109)..(109)

<223> n is a, c, g, or t
<220>
<221> misc_feature
<222> (115)..(117)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (120)..(120)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (123)..(123)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (148)..(148)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (154)..(156)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (167)..(167)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (169)..(172)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (179)..(179)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (183)..(183)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (185)..(187)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (194)..(194)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (200)..(203)
<223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (205)..(205)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (235)..(236)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (242)..(242)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (244)..(244)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (246)..(247)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (250)..(250)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (303)..(303)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (305)..(305)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (318)..(318)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (327)..(327)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (331)..(331)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (335)..(336)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (347)..(347)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (349)..(349)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (353)..(353)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (362)..(362)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (365)..(365)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (388)..(388)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (395)..(395)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (405)..(405)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (407)..(407)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (412)..(412)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (416)..(416)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (429)..(429)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (435)..(435)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (444)..(444)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (475)..(475)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (481)..(481)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (485)..(485)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (488)..(488)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (505)..(507)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (525)..(525)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (528)..(528)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (532)..(532)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (534)..(535)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (543)..(543)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (551)..(553)
 <223> n is a, c, g, or t

 <220>
 <221> misc_feature
 <222> (555)..(555)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (561)..(561)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (568)..(568)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (573)..(573)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (584)..(584)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (589)..(589)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (598)..(598)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (605)..(605)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (612)..(612)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (618)..(618)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (633)..(633)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (647)..(647)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (653)..(654)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (664)..(664)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (679)..(679)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (689)..(689)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (695)..(695)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (698)..(698)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (711)..(711)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (720)..(720)

<223> n is a, c, g, or t

<400> 52

atatgacctg cgnncanacn cnctaanang ngactngtta aanacnttcc gtggaatnna 60

ctcagactgc aaantgtnat nctgncnnan nntgnngact gtccngncng atttnnngcn 120

tgnaatacta ttgcctctta tatacacnac caannntgcg aagggcnann nnacctttnc 180

cantnnnctg gggncaccacn nnnngngaact gagagtggat cttgtgtacc tgacnnacca 240

gntntnnagn agggcgctca ctctgattgg tgcaccatgg ttacacagtg tgtgcaaaga 300

ccngnctatc tctactganga tgattgncag ngccnntggg tggcacnang ggnactgatg 360

ancancactg accctgccga cgccagangc cgcanatccg gagantncat gngacnata 420

aggttaccnc cttcnaccgg gcancaatct gcttctatgg tgaatgcaga ccatntagaa 480

ntctntcnct ataggcatga ttttnnncag tgcgtcagcc ttganaanga ancnnacttt 540

tgntagatga nnnngntgctc ncccttgngg ctnacaaatt ccancaccnt tgggtggcngc 600

agccnttaag ancacttntt ttgggttgcg ctnttgatg aattacnaat agnntgtttt 660

gttncaaggc ccttctgcna aatatgaana aaagngcnct tagctttttg ngggaactgn 720

actggaaatt ttg 733

<210> 53

<211> 100

<212> DNA

<213> Human

<220>
 <221> misc_feature
 <222> (13)..(13)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (15)..(15)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (37)..(37)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (42)..(42)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (44)..(45)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (50)..(50)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (57)..(59)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (70)..(70)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (74)..(74)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (80)..(80)
 <223> n is a, c, g, or t

<400> 53
 gatcagacaa gancntgggtc cacagcggga cgagagntct cnanntctgc ggggagnnnc 60
 caagtacgc agcncctgaan ctaaagcaag caagaaaaag 100

<210> 54
 <211> 515
 <212> DNA
 <213> Human

SEQUEN~1.TXT

```

<400> 54
atatggcaag gataaccctt atacttctgc ataatgaatt aactaaaata acttgcaagg      60
agagccaagc taaacccccg ataccgacga gtaccagaac aggtaagcac cccgtctatg      120
tagatatggg aagattatag gaggcgacaa ctaccgagcc tggatgatagc tgggtgtccaa      180
gaagagtctt agttcattta tttggcccag aaccctctaa tccccttgta atttatgtca      240
agaggaacag ctctttggac actggaaaac cgtgagagag taagattttac acccttaggg      300
gcctaatagc agccaccatt aagaaagcgt tcgctccaca cccactacct aaaaatcgaa      360
tataactgac tcctcacacc caattggcca atcattcccc tataaaagaa ctatgttagt      420
ataagtaacc tgaaaacatt ctctctgca taagccctgc gttggattat atcctgcact      480
gacaattaac tgccccaata tctacaatcc aaccc                                     515

```

```

<210> 55
<211> 176
<212> DNA
<213> Human

```

```

<220>
<221> misc_feature
<222> (5)..(5)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (32)..(32)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (40)..(40)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (60)..(60)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (62)..(62)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (76)..(76)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (107)..(107)
<223> n is a, c, g, or t

```

<220>

SEQUEN~1.TXT

<221> misc_feature
<222> (155)..(155)
<223> n is a, c, g, or t

<400> 55
tgtnnaggat caaattataa tattgaaata anaacagctn acatttatat agcatgtttt 60
cntatctcaa ctaatnataa atgggaaaat gggcaactgg gcaggcngaa cccagagggg 120
agcctgccct cattagacca agacagcaag gtttncctg gtcactagat gaaatt 176

<210> 56
<211> 317
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (4)..(4)
<223> n is a, c, g, or t

<400> 56
cagnagtgat gttgcaatat ctggaactag caaaggatac tgatgagaaa acgtggaatc 60
atgtgggatg tgacctccta ggactcacct tgcacagctg ggtgcagcag ggataggtaa 120
ggatttgggg tttagaggta caattgcctt tttatggtta gagaaaggct ctggggctgg 180
agggagcctg acgatctgct ctgtgtgcaa ggggagagtt aactctgcac gcaagagcct 240
gcttaaaggg ctgtgtcagt tctattgtaa acaccaactt aaagtgggtg atgctggcag 300
acattgttat tgccatt 317

<210> 57
<211> 209
<212> DNA
<213> Human

<400> 57
ctcatacacc tgtggctact gttttctaca gagtgccaaa actattcgag agaataggct 60
ctggactgga cactgtatac ccacatgcaa gatgaagttg gcccttaca tcctatacgc 120
aggagaattg cgtcatttaa agcctgttga cgcttttctc ccgcagacga atggaaagat 180
taattgggag tgggggctga aacaattcg 209

<210> 58
<211> 262
<212> DNA
<213> Human

<400> 58
aattttgctg ttacatggtg gctcaactga gtcccatact ttgaaggccg ggagttaatc 60
acctggtcac cgagttgcca accagcctcc aatatgtgga accctgtact ctctaaaaat 120
caaatcaccg gcatggagat tgcgcctgtg gtcccaaaat actcgggctg ggacacgatg 180

SEQUEN~1.TXT

agttgcttgg cccaaggaag gaggggttga tggctgatca cactggtccg cctgggtgac 240
agagcgagac tccatctcta at 262

<210> 59
<211> 430
<212> DNA
<213> Human

<400> 59
gtcagtttat ttctgactag ggatattttc tttccattta gaaaagaaga aaaaaaaaaa 60
aaacctttat tgtcttacag gggggaacta gcgcggggct gaataaaacc ttggccctt 120
cccgggggag ggggtatccg tttataaacc ccaagggtat tttcttagca aaataacttaa 180
aaccggcccg ggtttttata caaactggga acccactttt gaaaaatttt ggccttttga 240
tctgggatgg gaatatgagt tttatacat ttcattttct ttttgggcaa aggcccggtt 300
aagtattccc ccccgggggg cttttacaaa aagggcgggtt taaaagcctt ttgggcccc 360
ctaggaatt gttttaacac ctaaaaaccc ctgcttcct taaaggggcg ttctttaatt 420
tgggggcggc 430

<210> 60
<211> 350
<212> DNA
<213> Human

<400> 60
aaacctctct aactatatat cacaataacc tgcgcataag atttacgctc cgatcttttc 60
atcctactag cttggaggat ttgaaccgat tatgaatacg caatactccc ggtcctcatg 120
tatcatgtgt aagcccatct cctgggaggg ctaacatact accatctcca aggagaggca 180
tgattccgaa tcaccacag acagctcgat caccatacgt atcacccaac atatatacct 240
tctaagactt gctagaaaca accaccacat ttgatgctta atcaccactc tgacgcgcat 300
taaagtgagg ggactctcct aatttctgta agttgatttt tgcattctga 350

<210> 61
<211> 515
<212> DNA
<213> Human

<400> 61
cacataaatt ctccataagt taattagtga ttttaacatg atctcaatat aaacatagca 60
cactttcttt gagaattcaa catattgcaa gttaaaattt tcatagacta cacaagaaag 120
aataatcagg caaatcctta agaataaggg caattaagga tgactagccc tacaagattt 180
taaaaaggat tcattagttt aaaaaatgtg atgtagatac atgaataaaa taaaatcttg 240
aagtagatcc aaatatacat ggtcagattg aatacaataa agatggcatc gtagcagtgg 300

SEQUEN~1.TXT

agaaaagaag aattatttca taaaccttgt tggaatggct aggcaatcat ctggaaaaaa	360
atgaagtga ataataaaaa tatattctac actagcacia attataaata aagcagtgat	420
ttaaatagaga aaaattaaat cataatgatt tcaaagataa cataggataa tttctttata	480
gtcttctaaa atatatgact ttatgaattc tgact	515

<210> 62
 <211> 611
 <212> DNA
 <213> Human

<400> 62 caagtacttt accaactaag ccaatcttgt cccagccag gcatttctat acaaagggcc	60
aagacttttg ttttataaat aaggaggtat atataaatta tatatatattc tgagctgagt	120
aataatccac cagatacaag tttgcatcaa cttctgtgaa atattttttt tcctttttgt	180
tgggcatttt tatggtctaa atatagaatg accaatgcct ctagaacaaa cttgacctgg	240
tcagtgttat caagaagcag actgtttctt actttctttg tatttcctta cttattttaa	300
tttgttaaaa ttgatataatt gatataataa acttcttttg ccagtgttg tggcacacgc	360
ctttaatccc agcacttagg aggcagaggc aggggtggatt tctgaatttg agggcaggct	420
agtctacaga gcaagttcca ggctagccaa ggctatatat agaaactctg gcatgaaaaa	480
ccaaccaaac caaaccaaac caaaccagac cagaccagac cagaccagac caaaccaaac	540
caaaccagac taaaccaaac caaaccagac cagaccagac cagaccagac cagaccagac	600
cagaccaaac t	611

<210> 63
 <211> 291
 <212> DNA
 <213> Human

<400> 63 ccgagagatt ggccactgct taaactcatg cagctcctac tgttcttcaa ttaatgcctt	60
taatgcgaat atacttcctc ttctttttgc atggtcttgc ccagcctctg caatactgat	120
gaacacatgc tgaagatcat ctaactcaat atggcgcata tttctatgtc ttgctgcca	180
ggacatagga caacttcgtc gctcactagt tctaacatat taatgctggc gtaggtggag	240
aactactgca catatactct tactcggagg ctgaggcacg aggatcactt g	291

<210> 64
 <211> 309
 <212> DNA
 <213> Human

<400> 64 gccagatgcc gtgtttcctc gatgaactct ttacatcatt ggctattcag tggagtgttt	60
---	----

SEQUEN~1.TXT

cattatcacc tctcactctc gcgtgttacc taactctccc tcgcagggga aatcactcca	120
tatatttcaa atgtcttgct aacagtgggt actttgctct atccttagct atacgtctcg	180
aggcacattg ttcctctatg ccccgctacg ctttgcccta gagctcggcg gtatctatat	240
cttaactgcc ctcttgatcc ttacgtgccg gagaagggtg aggagaaat tttgtcaaat	300
ctgattaga	309

<210> 65
 <211> 278
 <212> DNA
 <213> Human

<400> 65	
tagaatggaa tggagtcgaa tgtgatggaa tggacgcgaa tggaatggaa tggactcgaa	60
tggaataaag tggaatagac tcgaatggaa tggaatgcaa tggaatggac tcgaatggaa	120
agggatggaa tggactcgaa gggaatggaa tggaatggat tcgaatggaa aggaatggaa	180
tggactcaaa aggaatggaa tggaatggac tcaaatggaa tggactcgaa ttgaatgaaa	240
tgtaatggaa tagactcgaa tggaatggaa cgaaattt	278

<210> 66
 <211> 142
 <212> DNA
 <213> Human

<400> 66	
agttctcctt aggttaatta atggaatgca atcccaatga aaatgtcacc aaagttgttt	60
tttttttaac tgtaggaggt ttataataat gctcatatgg aaaaataaaa catgtaaaaa	120
atagctagta aactccccct gt	142

<210> 67
 <211> 286
 <212> DNA
 <213> Human

<400> 67	
atatctgcc tctcatcgg ccaatcgtgt tttttgatg acgaatgctt cggagattgg	60
aaagatgatc tctcatgct tccatgcact gcgagtagaa gacatactga gcatagtgtg	120
attattttcc caacaaattg gcattcatag atagaataag ctgactaaga ctacttagcc	180
ccacattttt ttctacttgc tccaatagca ctaacaaata ggaagctctt gcttgctccc	240
caaagctcca tttccttgaa agcagaagtg taatattact tcttag	286

<210> 68
 <211> 179
 <212> DNA
 <213> Human

SEQUEN~1.TXT

<400> 68
atctactttt tatttcttttg ataaatgttt atgaaatata aaatactgaa aattagaaaag 60
tagaagtcata ttttttatta taaaacatgt ggattagata ttttcattta tgtgattaaa 120
ctttctaaac aaagattata tgaattatct taaagattta aaaagtaatt aagttaaatt 179

<210> 69
<211> 390
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (356)..(356)
<223> n is a, c, g, or t

<400> 69
cagataagac tattaagaca gataagagcc aaatcatgta gagcctcaga ggtttttgat 60
cttcagtcta agaacgtaaa tccatggaag aattttaagc aggggtgtgc ctgaccaca 120
ttttgaattc taaactgtct ctgggtgggt gtgggtgccca ccaagagcat gtgttcatgt 180
aggagactg gttttttaca gttgtctatg agagagatga cagttgcctg gattatggtg 240
gtgacattgg agataagcag gtagacagat tctcagtgta ttaggagaga aaaatcaata 300
ggaaatttaa aataaataat taactgtggc cataggagga aggagtcttt gggttngggt 360
ctcaatttct gcatgagaaa aaagggtggac 390

<210> 70
<211> 481
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (26)..(26)
<223> n is a, c, g, or t

<400> 70
atgatgaaat gatgagatga aatgcntgag atgagatgtg atgaaatgat gatatgaaat 60
gatgacataa aatgagatga aatgagatgt aatgatggaa tgagatgaga tgaaatgaga 120
tgaaatgata gatgagataa aatgatgata tgaaatgatg agatgaatga tgagatgatg 180
agatgaatga tgaaatgaaa tgatgagatg agatgatgaa atgaaatggt gagatgaaat 240
gatgagatga aatgaaatag tgaaatgaaa ttgaaataaa atcgaaatga gagatgaaat 300
gatgagatga tgaaattgat gaaatgatga gatgtgatga gatgaaatga tgagatgaga 360
tgagatgaca tgaaataatg aaatgaaatt gaaatgagat aagatacgag ctgagatgca 420
atgagatgaa atgatgagat gaaatgaaat agtgaaatga aattgaaata aaatcgaaat 480

<210> 71
<211> 125
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (5)..(5)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (19)..(19)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (29)..(29)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (38)..(38)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (42)..(42)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (45)..(45)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (49)..(49)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (61)..(61)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (77)..(77)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (79)..(79)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (88)..(88)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (90)..(90)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (100)..(100)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (110)..(110)

<223> n is a, c, g, or t

<400> 71

cggtngcaat tgggggccnc atacgcgcng acgagtantg gncangctnc ttgactacac 60

ngacgcgccg tacaggntna attatggnan cttacatggn aaaggggcan ctcaatgtcc 120

cacag 125

<210> 72

<211> 473

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (151)..(151)

<223> n is a, c, g, or t

<400> 72

gaaatgaaat aatgaaatga gatgaaataa cgaaataaaa ttgaaatgag atgagaggaa 60

atgagatgaa atgttgaaaa gaaaggagga aatgatgagg tgagatgaaa tgatgagatg 120

aaatgaatct gagatgaaat gagatgaaaa ntgatacgaa aaatgatata aaaaatatga 180

cctgagatga aatgagatga aaaatgatac gaaaaatgat ataaaaaata tgacatgaaa 240

tgaaatgaga tgatatgaaa tgacataatg aaatgatgaa ttgatgatat tgaaatgaaa 300

ttgaaagatg agatgaaatg atgagatgaa atgaaatggtt gaaatgatga agagatgtga 360

catgaaatga gctgaaatga gatgaaatga aatgagatta aatgatgaga tgaaaaatga 420

tgagatgaaa aatgagatga gatgatgaga tgagatgaga tgaattgaga tga 473

<210> 73

<211> 500

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (7)..(7)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (16)..(16)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (233)..(233)

<223> n is a, c, g, or t

<400> 73

aatgagnatg aaaagnatga aatgatgaga tgaaatgaaa tgatgagatg aaatgaggtg 60

aaatgaaatt agatgaaatg taatgagatg aaatgaaatg acctaataa atgaaataat 120

gaaatgagat gaaataaaaat aatgaaatga tgaaataatg aaatgaaaat gagatggaaa 180

tgatgagatg agaagaaatg atgagatgaa atgatgaaat gatgagatga ganaaaatga 240

gatgaaatga tgagatgaga tgaaatatga tgagttgaaa tgacataatg aatgaaatga 300

tgaaatggaa taatgaaatg gaaatgatga gctgagatgc aatgagttga aatgagatga 360

aatgatgaaa tgatgagatg aaatgatgaa atgaaataat gaaatgagat gaaataaaaat 420

aatgaaatga tgaaataatg aaatgaaaat gaaatggaaa tgatgagatg agaagaaatg 480

atgagatgaa atgatgaaat 500

<210> 74

<211> 299

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (31)..(32)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (57)..(57)

<223> n is a, c, g, or t

<400> 74

ggaaatcctg aagtggaaat gatgagctga nntgcaatga gttgaaatga gatgaancga 60

tgaaatgatg agatgaaatg atgagatgag atgtgatgaa atgatgatat gaaatgatga 120

cataaaatga gatgaaatga gatgtaatga tggaatgaga tgagatgaaa tgagatgaaa 180

tgatagatga gataaaatga tgatatgaaa tgatgagatg aatgatgaga tgatgagatg 240

aatgatgaaa tgaaatgatg agatgagatg atgaaatgaa atggtgagat gaaatgatg 299

<210> 75

<211> 155

<212> DNA

SEQUEN~1.TXT

<213> Human

<400> 75

agtgaaatga aattgaaata aaatcgaaat gagatgagat gaaatgatga gatgatgaaa 60

taaaatgatg aaatgatgag gtgatgagat gaaatgatga gatgaaatga tgagatgaga 120

tgagatgaca tgaaataatg aaacgaaatt gaaat 155

<210> 76

<211> 367

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (11)..(11)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (35)..(35)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (37)..(38)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (43)..(43)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (56)..(56)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (67)..(67)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (71)..(71)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (75)..(75)

<223> n is a, c, g, or t

<400> 76

atagcaaaag ngggtaaaac ccctgagttt gcganannag tantcttgta ggggcnaact 60

ctacttnaga ngaantcctc gcaaaatcct tgaatcaccg cttcagtgca gtgatatcac 120

cgccatgaaa tttctgctcg attagcttac gttgtttgga tagaggccaa acaaggctgt 180

SEQUEN~1.TXT

tatcgggtacg aggaatggat gttcgaatttc gtagaatac cctgagagac ggcgaatact	240
ctcacgagag gcagcaggcg cgtaaattac ccaattacaa caagtagagg tagcgaagga	300
aaatatgagg ggtggcaagg ttttgcctgt tacattctca aatggaagca aattagatat	360
gtcattg	367

<210> 77
 <211> 257
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (6)..(6)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (11)..(11)
 <223> n is a, c, g, or t

<400> 77	
actagnacag naatttttagc taagtggagt ttgagttaag tggagatgtg agaccatctc	60
atagaaatca ttattttctgt gggatggata attgggccaa attgtaaaat attttaacta	120
tcagtgtttg gggtttattt ttaaaagaat aggggtgccac cagatgttct ttagtggagg	180
agaaatgagg ccagagtgcac tgcctagaaa attaagttgg taaattaatc acttttttct	240
aggtcctttc ttagtct	257

<210> 78
 <211> 373
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (11)..(11)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (20)..(20)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (24)..(24)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (31)..(31)
 <223> n is a, c, g, or t

SEQUEN~1.TXT

<220>
 <221> misc_feature
 <222> (38)..(38)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (53)..(53)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (61)..(62)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (66)..(66)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (83)..(84)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (92)..(92)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (109)..(109)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (115)..(115)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (146)..(146)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (153)..(153)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (166)..(166)
 <223> n is a, c, g, or t

<400> 78
 ctttaaaaac ntggttagacn aacnttaaaa nttaccnntt ttcctgaact gantcctggg 60
 nntaantaaa aagggtgaag aannttactt cncttggtcc taaaaaacnt tttcntcagt 120
 tattaccaa atatttgac cattantaaa gantagggcc aaccnaatt tttcttgaaa 180
 tttccgttaa atagccgtta aatgttttta cccatttcatt attggatacc tttaaattata 240

SEQUEN~1.TXT

ataatggatt ttattgttaa attgtgtgtg tgtgggtgtg atgccctgtc ttttctcctc	300
taccattatt gtcactttat gtttgaacc ccctttaccc ttccttaaag gaaaaaaagg	360
gcccgggggtt ttt	373

<210> 79
 <211> 128
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (20)..(20)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (29)..(30)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (35)..(35)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (49)..(49)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (92)..(92)
 <223> n is a, c, g, or t

<400> 79	
tcctagtaan ctggtttacn ctgaaagann aagangcctc ccctgttcnc tgaaatacca	60
ccttgatggt caagtattta agaccctatg cnaatatattt ttaccttttc taataaacca	120
tgtttggt	128

<210> 80
 <211> 213
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (9)..(9)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (88)..(88)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (98)..(98)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (105)..(105)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (107)..(107)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (127)..(127)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (142)..(142)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (147)..(147)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (161)..(161)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (166)..(167)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (171)..(171)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (180)..(180)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (196)..(196)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (206)..(206)

SEQUEN~1.TXT

<223> n is a, c, g, or t

<400> 80

cccattggna cagaccccca aaatgggtac attttttagg aaaccaggac ctttccaagg	60
ggccaggcct tccctttaa aaaaaatnac cgtttttngg gggangnaac ctttaaaagg	120
ggaaaanaaa tcctttttaa anggaantcc aagggaagga ncctgnncaa nacttcccn	180
ccaataaaaa aaaccntttt ggaaangggg aaa	213

<210> 81

<211> 443

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (22)..(22)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (33)..(34)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (39)..(39)

<223> n is a, c, g, or t

<400> 81

gaaatgagat gaaaccatga gnatgaaatg aannaatgnc atgcaaatga tgagatgaaa	60
tgatgaaatg agatgagatg agaagaaatg acttgatgag atgagataaa atgatgaaat	120
gaaatgaagt gaaatgaaat tgaaatgaga tgagatgaaa tgagataaaa tgatgagatg	180
aaatgagaag aaatgagatg aaatgatgaa atgatgagat gagatgaaaa atgatgggat	240
gagaaatgag atgaaatgat gggatgaaat gaaatgaaat aatgaaataa tgaaatgaaa	300
tgaattgata atattgaagt gaaattgaaa gatgagattg gatgaaatga tgagatgaaa	360
tgaaatgttg aaatgaaatg aagagatgta acatgaaatg agctgaaatg atgagatgaa	420
atgaaatgaa atgagattaa atg	443

<210> 82

<211> 442

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (13)..(13)

<223> n is a, c, g, or t

<220>

SEQUEN~1.TXT

<221> misc_feature
<222> (16)..(16)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (33)..(33)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (46)..(47)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (78)..(78)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (82)..(83)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (121)..(121)
<223> n is a, c, g, or t

<400> 82
tggcccggga acntcnaact gcccatcctg ganttttggg ggggannctt taaaaaacct 60
gacctctgaa tgtattantg anncaagtga tagccaagat attttgaaga aaaatagata 120
ntagggacct gctctataag cccatcataa tttattatga agttataaca agtaaaacag 180
taagggtatgt ggcatggaat agagaaccga gaaacagacc caatgcatgg gtacaggata 240
taacacaggg aaatgaggga caatatatgg ttctgggata attatttata tggggaaaat 300
aaagaaattg gatccctacc tcacacatac aaaaaaaatc ataattgaat taaaaacttg 360
catgtgaaag gaaagacttt aaaacattta gaaaaagtat tggaggctat gatcttgggg 420
taggaaagca tttctttttt tt 442

<210> 83
<211> 135
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (8)..(8)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (36)..(36)
<223> n is a, c, g, or t

SEQUEN~1.TXT

<400> 83
gtctaacnta aaaagtaaag aaagtaaagt aaaggnttga aggaaggaag gaaggaagga 60
aggagggaaa agaaagaaag gaaggaagga aggaaaagaa agaaagaaag gaaggaagga 120
aggaaggaag gaagg 135

<210> 84
<211> 346
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (30)..(30)
<223> n is a, c, g, or t

<400> 84
ggaggaggaa gagtgatgag ttctctaata acttggttgg attagcctta gagttatcgg 60
gagttgcctt ctgtaagtgc ccctactatc aaggtttcat ggaaaatcta ggcaaggcag 120
aacttcctca gaaggacaag agacaaagaa gtgggggagg ccctcctatc catagctgag 180
agggtttatt ctttgtggtt ctgctgtcag agcctttgga tgtctgatct gagatggagc 240
aaccacagct agacagaact ttgtagattt tgggggggtt aaaaggcctc aagcaaattc 300
taaaactttc tttgaacccc ctggcatagg ctcagtttcc ctgact 346

<210> 85
<211> 100
<212> DNA
<213> Human

<400> 85
acaaaaagcc cctttaaaact tgggcccgcg cgaggtcgtt tcgactgggc cgagacttcc 60
gaaaagaaaa tggttttttt tgccgaaatc aaccgggtaa 100

<210> 86
<211> 201
<212> DNA
<213> Human

<400> 86
ttcataacat cgtcattttg ggttatgcga aatacaaatt taaatctttg tgaaatgaaa 60
gaaaagagga agaaacgctt tttaggagtt aaggattaaa gtaaaaatta ttttgacata 120
attaccttct tttgtgacca ctcttaaagg ccaggaacat atttgagaa gcctagtgtg 180
atgtaacagt gtggggtttc a 201

<210> 87
<211> 531
<212> DNA
<213> Human

SEQUEN~1.TXT

```
<400> 87
tatagcgggc gttataaaca taccacttcc cggtacaacg gatttcaagg ttaggggtgc      60
aacccagaac gaacgcgtta agtgcgcggtt atcttcctag gatagagtcg gtgacgggaa    120
tcttttacct cggcactcgg gtccaccctc gcggcaccag aggtattctc cggcgagtcg    180
ttaaccatcg caatcgccga ccgagtttaa ggaccactcc ccacctttct cattagttaa    240
ggagaacgct actttacccc atagacggag aaatcgctac tcaactacca ggcgcgcgcc    300
gtcgagtccc tcttcctctc tttatgcatt tagagcgctt tcgtaagagt tttccctaga    360
ttcttctaag cgtagcgcggt ctactccaat gttttcggtt atccagcccc aactaacgcc    420
gcgaggaggt cgatccgtct actcctatcc cgtcggctcg gatttactac aggagctaag    480
aaaacaaaaa gtaccagccc taaaggaaag tcaaaggacg cccgtaaaaa a              531
```

```
<210> 88
<211> 530
<212> DNA
<213> Human
```

```
<400> 88
aatctcgatc gcaaacatac ggcactctcc ctcttgccgc ggttttcgtc cagcgctttc      60
cattcgggtcc agtgccctcg cctattagcc cttaagccca ccgttttctaa aactcccaga    120
acagccaaac cgggtccgccc aaggcctccg tcgttttata atatattccg tttacgtata    180
aggaacgaac cccctttcat taccacggtc ccgcgtccgc ctctttctcc attcgcaaca    240
gttctattcc tttcagcctc ccgtacctgc ttccagaaca tcgcaccgcc atagtcgaaa    300
gatagcaaag attaccagc ttctattcct cgccccagag ccgagtaaatt cgaagtttat    360
agaggcgga tccaaccatt caagagttat aacaagttat cggcactcgg gggatcagaa    420
tataaactta atgtccctt tattctcccg gacgcccctt ttaaccactt cttcctatct    480
ttcgctaaca agccattgac ggcgctttgc cgcgcggggc catctcgcgt              530
```

```
<210> 89
<211> 332
<212> DNA
<213> Human
```

```
<220>
<221> misc_feature
<222> (37)..(37)
<223> n is a, c, g, or t
```

```
<220>
<221> misc_feature
<222> (47)..(47)
<223> n is a, c, g, or t
```

```
<220>
```

SEQUEN~1.TXT

<221> misc_feature
<222> (108)..(108)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (112)..(112)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (129)..(129)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (134)..(134)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (152)..(152)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (168)..(168)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (196)..(196)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (239)..(239)
<223> n is a, c, g, or t

<400> 89
ccatttatgg gccgggggata taccacatg gtacagnaca ttacatnttt atggcaccat 60
ttccaccggc ctggttttgg tttttccata attaattaac caggggggncc anttaaaaaa 120
aattaaggna aggnnttaaaa aatttaacca angggggggtt taaagggnntt ttttttttta 180
aaaaaaaagg ttaaancccc cccttttttt ttggggttggg gtgggaaaat tttgggaanc 240
cttaaccccc ggggttttgg gtttttttgg ccaaaccccc ccggaaaaaa attaaaaaaa 300
ggaccggttt ccattttaat gggatttggg aa 332

<210> 90
<211> 185
<212> DNA
<213> Human

<400> 90
actgctataa tgcaggggaa catgttctca ggggtatcct gaggggttgt gtcattggggc 60
cggtggtaac tattaaaaca taagtttaat cggtatttaa aattttaaaa tcaaaaaaaaa 120

SEQUEN~1.TXT

taaaatatat gcaaccctcc attccaagga agtatgatgt tactagatta tctgaaaatt 180
ctcct 185

<210> 91
<211> 365
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (326)..(326)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (338)..(339)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (344)..(344)
<223> n is a, c, g, or t

<400> 91
ccagagagcc acaaatgacc aaaatatttt gagatgaaca tgctcgtaga aggtagctga 60
ctagggggta cttgaaaatg ctagaccagg ataactccta agtgtatatc cttggcagac 120
tcgttatgct ttccaatcct gcttgcaata taagacacaa agtcagaata aagctcaaga 180
aaacagaacg tgcaggccat caagcgcaga gcctgctcat tggacaaccg caaagagtag 240
taagtgtgcg cgctattcac acttagaaaa ggagaaccac ggggaaaaac caaattaatg 300
gggctgcttt ttgtcactct ggcattagag aattgtgnng aaantttaac ttttgtaagc 360
ttgta 365

<210> 92
<211> 113
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (32)..(32)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (34)..(34)
<223> n is a, c, g, or t

<400> 92
acttgacctt atggatgatg ctgcggagtg cntngtaagt gtttcatgat attccttaag 60
aagtcaggat agtagttttc attccttaga tgggtacaagt gttgagacaa atg 113

SEQUEN~1.TXT

<210> 93
 <211> 210
 <212> DNA
 <213> Human

<400> 93
 gttttaggga aatttgccag ttttatgttt taatattttt ggaaggaaaa ctgaaaggta 60
 atgaaaatgt tactgtttgga ttaaaaaaca aattaagtcc aaatagtgat taggcaagtt 120
 ggtgaggtag ggggttgctg caagagcgga agttgaaaga tcttggaata attaaagaaa 180
 cttcatagaa ccccatctct acaccaaaaa 210

<210> 94
 <211> 506
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (25)..(25)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (38)..(39)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (44)..(44)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (46)..(46)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (59)..(59)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (66)..(66)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (70)..(70)
 <223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (74)..(74)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (80)..(80)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (82)..(84)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (86)..(86)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (90)..(92)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (112)..(113)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (117)..(117)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (126)..(126)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (129)..(129)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (133)..(136)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (152)..(152)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (156)..(157)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (162)..(162)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (164)..(165)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (174)..(174)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (178)..(178)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (181)..(181)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (185)..(187)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (190)..(191)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (194)..(194)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (206)..(206)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (227)..(227)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (231)..(231)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (235)..(235)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (244)..(244)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (247)..(247)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (251)..(251)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (255)..(255)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (258)..(258)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (260)..(261)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (263)..(263)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (270)..(270)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (273)..(276)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (285)..(285)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (287)..(287)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (291)..(292)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (302)..(302)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (305)..(306)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (311)..(311)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (318)..(319)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (321)..(321)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (327)..(329)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (333)..(333)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (348)..(349)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (352)..(352)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (357)..(357)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (363)..(363)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (366)..(367)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (369)..(369)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (371)..(371)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (376)..(377)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (385)..(385)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (390)..(390)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (398)..(398)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (401)..(401)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (405)..(405)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (420)..(420)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (429)..(429)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (437)..(437)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (440)..(440)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (442)..(443)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (453)..(453)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (455)..(456)

<223> n is a, c, g, or t

<220>

SEQUEN~1.TXT

<221> misc_feature
<222> (473)..(474)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (477)..(477)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (481)..(481)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (487)..(488)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (495)..(497)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (500)..(500)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (502)..(502)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (506)..(506)
<223> n is a, c, g, or t

<400> 94
ttggngggggg ggcgagatcc tactngagac ccttgatnnt gggnganggac cgaagatcna 60
ttaganaccn atnggatggn cnnncnaaan nnttaaagt agagtccatc tnngaanaaa 120
atgggnaant ttnnnngggg ggggggaaaa ancccnnggg tnannggggg cccngggntt 180
naaannggn nctngggggg ggaaantttt ggccccccc cgggggnttt ncctnaaaaa 240
aaanccnttt naaanacn gn nanaattttn ccnnncggg gagngngga nntttttttt 300
tnaannagcc ntttttgna naaaaannt ggncccccc ctattccng gnttttngga 360
ccnttnnanc ntgggnnttt ttagnccttn aaaaaaangc naatnttaag gtaaaaattn 420
ggggggggng ggggggnggn gnnttttttt ttntnnggag gggttttttt ccnncgnggg 480
ngaaagnntg gggcnnnctn cngccn 506

<210> 95
<211> 400
<212> DNA
<213> Human

<220>
 <221> misc_feature
 <222> (11)..(11)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (24)..(24)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (40)..(40)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (48)..(48)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (51)..(51)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (71)..(71)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (80)..(80)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (83)..(83)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (91)..(91)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (95)..(95)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (99)..(99)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (111)..(111)
 <223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (115)..(116)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (118)..(118)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (121)..(121)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (123)..(124)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (126)..(126)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (129)..(129)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (131)..(131)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (133)..(133)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (135)..(135)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (148)..(148)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (153)..(153)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (170)..(170)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (173)..(173)
<223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (175)..(175)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (177)..(177)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (192)..(192)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (195)..(196)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (198)..(198)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (200)..(201)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (211)..(212)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (219)..(219)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (222)..(223)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (226)..(226)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (231)..(231)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (240)..(240)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature

<222> (243)..(244)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (249)..(249)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (255)..(255)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (269)..(269)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (280)..(280)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (283)..(283)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (289)..(289)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (293)..(293)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (311)..(311)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (324)..(324)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (326)..(326)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (341)..(341)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (348)..(348)
<223> n is a, c, g, or t

SEQUEN~1.TXT

<220>
 <221> misc_feature
 <222> (350)..(350)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (354)..(355)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (367)..(367)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (383)..(384)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (391)..(391)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (398)..(398)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (400)..(400)
 <223> n is a, c, g, or t

<400> 95	
catgaaggaa naagcctgta ctanctgccg gtatccatgn taatctgnngg ngatgtcagc	60
agaccagct nagcagatan ctncatttct ntctnaagnc ctttggctctg naggngnca	120
ntnnanctnc ngntnaacat cacagctnct ccnagcatca ccctgctagn tancngnggg	180
ttttctctta tntgnngncn naacatctgc nngctctgnt annaanaatt ncataccgcn	240
canngtctnt gacgntgtga tgcatacgnt tgggcagagn gancaatang tgngcatatg	300
cgtgccttac ncaaggatac ggangngctt gaaattgatg ngaccaanan tttnggtacg	360
gtaagtnacc caaccacttc tgnnttcact ntaagagn	400

<210> 96
 <211> 800
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (171)..(171)
 <223> n is a, c, g, or t

<220>

<221> misc_feature
<222> (622)..(622)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (628)..(628)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (642)..(642)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (661)..(661)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (668)..(668)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (694)..(694)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (709)..(710)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (735)..(735)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (751)..(752)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (763)..(763)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (778)..(778)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (782)..(782)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (786)..(786)
<223> n is a, c, g, or t

SEQUEN~1.TXT

<220>
 <221> misc_feature
 <222> (788)..(788)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (798)..(798)
 <223> n is a, c, g, or t

<400> 96
 gagatgaatg atgaaatgat gagatgagat gatgaaatga aatggtgaga tgaactgatg 60
 aaatgaaatg aaataatgaa atgaaattga aataaaattg aaatgagatg agatgaaatg 120
 atgagatgat gaaataaaat gatgaaatga gatgtgatga gatgaaatga ngagatgaaa 180
 tgatgagatg agatgacatg aaataaatga aataatgaaa tcgaaatgag atgagaagat 240
 acgagatgag atgaaatgat gagatgaaat gatgaaatga gataagatga aaagagttga 300
 tgagatgatg agatgaaatg agatgaaaag agatgaaatg agatgaaatg aaatgatgag 360
 atgaaatgag gtgaaatgaa attagatgaa acgtaatgag atgaaatgac ataatgaaat 420
 gaaaaaatga aatgaaataa tgaaatgagg tgaaattaaa tgagatgatg aaattaaatg 480
 atgaaatgaa ataatgaaat ggaaatgaaa tggaaatgat gagatgaatg atgagatgaa 540
 atgatgagat gagatgtatt gatgagagga aatgatgaga tgtaatgaaa tgagatgaaa 600
 tgaatgagat gaaatggaat antggaangg aaattgattg gngatttgag atgaaatgag 660
 ntaaatgnga tgaattaatg atgagatgaa atgntgaaatg ccggggtggnn tgagatgaat 720
 tgagttgaac cctgngatga atgaagattg nntgaaatggt ggntgaaatgt tgaatggntg 780
 gntggnanaa tgcctgtngg 800

<210> 97
 <211> 334
 <212> DNA
 <213> Human

<400> 97
 gatgaattga aatgaaatga aataatgaaa taatgaaatg agatgaaatg aaaagaaatg 60
 atgaaatgat attgaaatga aattgaaaga tgagatgatg agatgaaatg gtgaaatggt 120
 gaaatgaaat gatgaaatga atagatgtga catgaaatga gctgaaatga tgagatcaaa 180
 tgaaatgaaa tgagattaaa tgatgagatg aaaactgatg aaaacttaaa tgatgaaata 240
 atgaaatgaa aatgaaatgg aaatgatgag atgagaagaa atgatgagat gagatgagat 300
 aaaatgagat gaaatgatga gatgaaatga tgag 334

<210> 98
 <211> 100
 <212> DNA

SEQUEN~1.TXT

<213> Human

<220>

<221> misc_feature

<222> (17)..(17)

<223> n is a, c, g, or t

<400> 98

ttcaggccgt ctgcttntac atatactatc gagaatggtg ctgtgcactc ataacaccgt 60

tgcttggtag acgcttttga acccttcagc gctgaaagta 100

<210> 99

<211> 500

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (8)..(8)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (361)..(361)

<223> n is a, c, g, or t

<400> 99

ccccgggantt cggcccttat ggccccggga aatgatgaga tgaaatgatg aaatgagata 60

agatgaaaag agttgatgag atgatgagat gaaatgagat gaaaagagat gaaatgagat 120

gaaatgaaat gatgagatga aatgagggtga aatgaaatta gatgaaacgt aatgagatga 180

aatgacctaa tgaaatgaaa aaatgaaatg aaataatgaa atgagggtgaa attaaatgag 240

atgatgaaat taaatgatga aatgaaataa tgaaatggaa atgaaatgga aatgatgaga 300

tgaatgatga gatgaaatga tgagatgaga tctaataatg agaggagatg atgagatgaa 360

ntgagatgaa aagagatgaa atgagatgaa accgaaatga tgagatgaaa tgagggtgaaa 420

tgaaattaga tgaaacgtaa tgagatgaaa tgacataatg aaatgaaaaa atgaaatgaa 480

ataatgaaat gaggtgaaat 500

<210> 100

<211> 397

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (8)..(8)

<223> n is a, c, g, or t

<220>

<221> misc_feature

SEQUEN~1.TXT

<222> (39)..(39)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (50)..(50)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (56)..(56)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (71)..(72)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (97)..(97)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (110)..(110)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (177)..(177)
<223> n is a, c, g, or t

<400> 100
cccgggangt ttaagttagg gggcctgccc ctttaagcnt agtcccacn tgaaanacac 60
tccccttgaa nntctctaaa ctttaacttt ctggccnttt tgtttcagan atgcctaacc 120
ctcagggggt cttttgttct ctacgcctaa aaacttaatc tgtttggaac aattcctttt 180
cctctctgta gaaattgacc tggccatggc tcctgtgaat gatacggttg ctattatccc 240
tgaacactgt aaaaatgaac tttgaaacag ttgggtagga cccaaacaga aaatgatgta 300
tggcttgga atagtttagc tgaacattat gctttaatat tttactggcc attgcagcac 360
aggtttagaa atttatgttc ggctttttta agtttta 397

<210> 101
<211> 132
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (121)..(121)
<223> n is a, c, g, or t

<400> 101
gttaccta gttttactct ctttttcttt ttctttatatt ttcatttgta aaataggaac 60

SEQUEN~1.TXT

attaattgta ctactttcaa aagaattaat tgaagaaaga gagatacagg gtatctaggc 120
ngaggaagac cc 132

<210> 102
<211> 246
<212> DNA
<213> Human

<400> 102
gggggcttta gttataactg ggctaagcat aattgcgcta ccaattccat attatctcat 60
ggcacttaat tttataattg atatataata taaaaaattc aatgcagata ttgatataat 120
aaaaatagat aatggtaatc caagcacgat ggtagccatc actctaattg ctttggggtt 180
aacctataac ttattaagta aagtgccaga atgggtcctt gacagtatta aaattaaaga 240
aaacag 246

<210> 103
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> forward primer of exon 1 of insulin gene used for quantitative RT-PCR analysis

<220>
<221> primer_bind
<222> (1)..(18)

<400> 103
gccctctggg gacctgac 18

<210> 104
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> reverse primer of exons 1 and 2 of insulin gene used for quantitative RT-PCR analysis

<220>
<221> primer_bind
<222> (1)..(18)

<400> 104
cccacctgca ggctcctct 18

<210> 105
<211> 24
<212> DNA
<213> Artificial Sequence

SEQUEN~1.TXT

<220>
 <223> forward primer of β MyHC gene used for quantitative RT-PCR analysis

<220>
 <221> primer_bind
 <222> (1)..(24)

<400> 105
 gctggaacgt agagactccc tgct 24

<210> 106
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> reverse primer of β MyHC gene used for quantitative RT-PCR analysis

<220>
 <221> primer_bind
 <222> (1)..(24)

<400> 106
 ggatccttcc agatcatcca cttg 24

<210> 107
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> forward primer of ANF used for quantitative RT-PCR analysis

<220>
 <221> primer_bind
 <222> (1)..(20)

<400> 107
 ggatttcaag aatttgctgg 20

<210> 108
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> reverse primer of ANF used for quantitative RT-PCR analysis

<220>
 <221> primer_bind
 <222> (1)..(20)

<400> 108
 gcagatcgat cagaggagtc 20

SEQUEN~1.TXT

<210> 109
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> forward primer of APP used for quantitative RT-PCR analysis

 <220>
 <221> primer_bind
 <222> (1)..(20)

 <400> 109
 ggatgcttca tgtgaacgtg 20

 <210> 110
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> reverse primer of APP used for quantitative RT-PCR analysis

 <220>
 <221> primer_bind
 <222> (1)..(19)

 <400> 110
 tcattcacac cagcacatg 19

 <210> 111
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> forward primer of ZFP used for quantitative RT-PCR analysis

 <220>
 <221> primer_bind
 <222> (1)..(21)

 <400> 111
 cacargagrc arggtcaacg a 21

 <210> 112
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> reverse primer of ZFP used for quantitative RT-PCR analysis

 <220>

SEQUEN~1.TXT

<221> primer_bind
<222> (1)..(22)

<400> 112
ggattaaaat gaagcaccca ga

22